

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	283	(84/411M,411P,416,414).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 16:00
S2	47	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) with (drumhead or (skin or surface) near4 drum) and (resilient or pliable or adhesive or polyurethane or flexible) with (sheet or layer or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 11:50
S3	17648	(releas\$4 or peel\$3 near3 off or take near3 off) same polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 14:53
S4	57024	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 10:00
S5	11	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 14:47
S6	4	polyurethane with base near5 material with (surface or sheet) same cure\$3 same releas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 14:57
S7	94	polyurethane with base near5 material with (surface or sheet) same releas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:00

## EAST Search History

S8	5	S7 and (dampen\$3 or vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 14:58
S9	55	polyurethane with base near5 material with (surface) same releas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:06
S10	0	polyurethane with base near5 material with (surface) same releas\$3 same flat near3 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:06
S11	3	polyurethane with base near5 material with (surface) same releas\$3 same flat with surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:06
S12	288	(84/411M,411P,416,414).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 09:54
S13	47	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) with (drumhead or (skin or surface) near4 drum) and (resilient or pliable or adhesive or polyurethane or flexible) with (sheet or layer or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 09:57
S14	2	("5986196").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/04 09:57
S15	2	("4947166").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/24 08:13

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S16	2	("5986196").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 10:22
S17	85	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4 or impact\$3) with (drumhead or (skin or surface) near4 drum) and (resilient or pliable or adhesive or polyurethane or flexible or impact) with (sheet or layer or surface or patch or pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:01
S18	2	("4325280").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 13:50
S19	380	polyurethane near4 mix same (form or core or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 12:07
S20	3	("6806212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 14:05
S21	3	("5488912"   "5649398"   "5657595").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 14:05
S22	0	("6806212").URPN.	USPAT	OR	OFF	2006/12/01 14:10
S23	2	("6530577").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/01 14:10
S24	7	("3993833"   "4900877"   "5607167"   "5657998"   "5702111"   "5791654"   "5868399").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 14:12

## EAST Search History

S25	0	S24 and polyurethane near4 mix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:13
S26	4	S24 and polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/01 14:13
S27	0	("6530577").URPN.	USPAT	OR	OFF	2006/12/01 14:16
S28	27	polyurethane near4 mix same (cure or dry) same (sheet or base or core) same material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 12:41
S29	3661	polyurethane same (cure or dry) same (sheet or base or core) same material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 12:42
S30	784	polyurethane with (cure or dry) same (sheet or base or core) with material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 12:42
S31	561	polyurethane with (cure or dry) same (sheet or core) with material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:29
S32	57970	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:22
S33	1	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:22

## EAST Search History

S34	983	polyurethane with (cure or dry) same (sheet or core or base or substrate) with material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:23
S35	1	S32 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:24
S36	20	S34 and (dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:52
S37	12	polyurethane near4 mix with (cure or dry) same (sheet or core or base or substrate) same material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:00
S38	22	polyurethane near4 mix with (cure or dry) same (sheet or core or base or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:40
S39	138	polyurethane near4 mix with (cure or dry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:44
S40	64	polyurethane with (cure or dry) same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:58
S41	2241	polyurethane same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 13:59

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S42	17	polyurethane near5 mix same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:15
S43	174	(polyolefine or poylester or polyethylene or polyurethane) with (cure or dry) same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 15:54
S44	127	polyethylene with (coat\$3 or melt\$3) near4 (paper or metal\$3) same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:15
S45	9	polyurethane with (coat\$3 or melt\$3) near4 (paper or metal\$3) same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:37
S46	47	("3244571"   "3370117"   "3709966"   "3746610"   "3790422"   "3793414"   "3816233"   "3859404"   "4167612"   "4173505"   "4241189"   "4243625"   "4265965"   "4302272"   "4328368"   "4438220"   "4438221"   "4443286"   "4458034"   "4561917"   "4591469"   "4595551"   "4618629"   "4666646"   "4683246"   "4839393"   "5045389"   "5060351"   "5185380"   "5204040"   "5286321"   "5292462"   "5418257"   "5478865"   "5520873"   "5525278"   "5531849"   "5532050"   "5538679"   "5552449"   "5610207"   "5643517"   "5736585"   "RE32032").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 14:18
S47	2	("6623676").URPN.	USPAT	OR	OFF	2006/12/04 14:20
S48	65	("3624909").URPN.	USPAT	OR	OFF	2006/12/04 14:23
S49	263	polyurethane with (paper or metal\$3) same sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:26

## EAST Search History

S50	143	polyurethane with (paper or metal\$3) with sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:26
S51	3363	polyurethane with (coat\$3 or melt\$3) near4 (paper or metal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:32
S52	2	S32 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:31
S53	25	S32 and polyurethane with (coat\$3 or melt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:32
S54	780	polyurethane with (coat\$3 or melt\$3) near4 (paper or metal\$3) same composition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:38
S55	1005	(patch or pad or board or layer) same polyurethane with (coat\$3 or melt\$3) near4 (paper or metal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:39
S56	202	(patch or pad or board or layer or wrap\$3) same polyurethane with (coat\$3 or melt\$3) near4 (paper or metal\$3) same (composit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:43
S57	193	(patch or pad or board or layer or wrap\$3) same polyurethane near5 coated near3 (paper or metal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:51

## EAST Search History

S58	122	(patch or pad or board or layer or wrap\$3) same polyurethane near5 coated near3 (paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:52
S59	1	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) and polyurethane near5 coated near3 (paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:54
S60	160	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) and polyurethane near5 coated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:54
S61	0	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) and polyurethane with (paper) with sandwich	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:55
S62	12	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (vibrat\$3 or strik\$3 or beat\$3 or hit\$4) and polyurethane with (paper) with coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 14:58
S63	90	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (sound) and polyurethane with (paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:01
S64	15	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 (sound) and polyurethane with (paper) with coated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:02
S65	703	(dampen\$3 or reduction or reduc\$3 or absorb\$3) and polyurethane with (paper) with coated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:02



## EAST Search History

S66	34	(dampen\$3 or reduction or reduc\$3 or absorb\$3) near5 sound and polyurethane near6 (paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:05
S67	275	polyurethane near4 coated near6 (paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/04 15:05
S68	193	(drum adj head or drumhead) same (damp\$3 or patch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:15
S69	12	(drum adj head or drumhead) and damp\$3 same stack\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:23
S70	16	damp\$3 same stack\$3 with (two or plurality) near4 (pad or patch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:23
S71	1649	damp\$3 same stack\$3 with (two or plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:24
S72	3	(drum adj head or drumhead) and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:23
S73	13	(drum adj head or drumhead) and damp\$3 same (stack\$3 or layer\$3 or overlap\$4) with (two or plurality or multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 14:26

## EAST Search History

S74	1	resilient with oil adj free with adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 15:39
S75	2	("5986196").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 15:48
S76	9	polycarbonate with oil adj free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:01
S77	2517	polycarbonate with oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:00
S78	852	polycarbonate near7 oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:00
S79	58357	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 16:01
S80	0	S78 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 16:01
S81	0	S77 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 16:01

## EAST Search History

S82	27	damp\$4 with oil adj free	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:06
S83	3	(drum adj head or drumhead) and damp\$4 with polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:10
S84	180	damp\$4 with (pad or patch or member) with polyurethane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:11
S85	2	S79 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:11
S86	63	(oil or wet or moisture) near4 (free or out) with damp\$3 with (pat or patch or member or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 09:54
S87	6	(oil or wet or moisture) near4 (free or out) with material same damp\$3 with (pat or patch or member or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 09:57
S88	0	(oil or wet or moisture) with (drumhead or drum adj head) same damp\$3 with (pat or patch or member or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 09:58
S89	2	(oil or wet or moisture) with (drumhead or drum adj head) same damp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 09:59

## EAST Search History

S90	25656	(oil or wet or moisture) with damp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 09:59
S91	58363	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 10:00
S92	53	S90 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 10:00
S93	2	("4325280").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 11:04